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**FACSIMILE COVER SHEET**

April 6, 1999

TO: Examiner Claire Kaufman  
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CONFIRMATION #: (703) 305-5791

CLIENT SYMBOL-CASE #: 19788-006.11

FROM: Anita Varma

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TOTAL PAGES SENT: 9 (including cover sheet)

MESSAGE

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PATENT

Attorney Docket No. HMV-006.11

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Philip W. Ingham et al.

Serial No.: 08/954,771

Filing Date: October 20, 1997

For: *Vertebrate Embryonic Pattern Inducing  
Proteins and Uses Related Thereto*

Art Unit: 1646

Examiner: C. Kaufman

Assistant Commissioner for Patents  
Washington, D.C. 20231Second Preliminary Amendment

Sir:

The Examiner restricted the claims of the instant application in a Restriction Requirement mailed from the U.S. Patent and Trademark Office on September 18, 1998. In response to the Restriction Requirement, Applicants filed a complete response on January 19, 1999. Prior to Examination, please amend the claims as follows:

IN THE CLAIMS

1. (reiterated) A method for modulating one or more of growth, differentiation and survival of a neuronal cell, comprising contacting said cell with an effective amount of a *hedgehog* polypeptide.

49. (amended) A method for [modulating one or more of growth, differentiation and] promoting survival of [a] mammalian neuronal cells responsive to *hedgehog* induction, comprising treating the cell with an effective amount of a *hedgehog* polypeptide, thereby